

CONVAIR  
A Division of General Dynamics Corporation  
(San Diego)

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SEP 17 57

ENG'R.  
PRE-DESIGN

DESIGN INFORMATION BULLETIN

NO: 25.004

CONVAIR REPORT NO. 24-22-005

PAGE: 1 of 3

MODEL 22 AIRPLANE

DATE: 9-10-57

EXTERIOR LIGHTING

The exterior lighting configuration to be used on the Model 22 airplane is outlined below and shown on accompanying sketch.

1. Landing Lights

- a. Retractable: 2 lights, one each located in the wing lower surface approximately 9.5 inches aft of the rear spar at trailing edge wing sta. 744.
- b. Auxiliary: 2 lights, one each located in the wing leading edge at approximately wing sta. 80.5.

2. Position Lights

- a. Wing: 2 lights, one located in the leading edge of each wing tip.
- b. Rearward: Located on the aft tip of the fuselage.

3. Anti-Collision Lights

- a. Upper: located on the fuselage along B.L.O between beltframe sta's. 546 and 565.
- b. Lower: located on the fuselage along B.L. 6.90 (L.H. side) between beltframe sta's. 1057 and 1078.

4. Signal Lights

The auxiliary landing lights serve as signal lights.

\*5. Wing Illumination Lights

2 lights, one located in each side of fuselage at approximately W.L. 65 between beltframe sta's. 508 and 527.

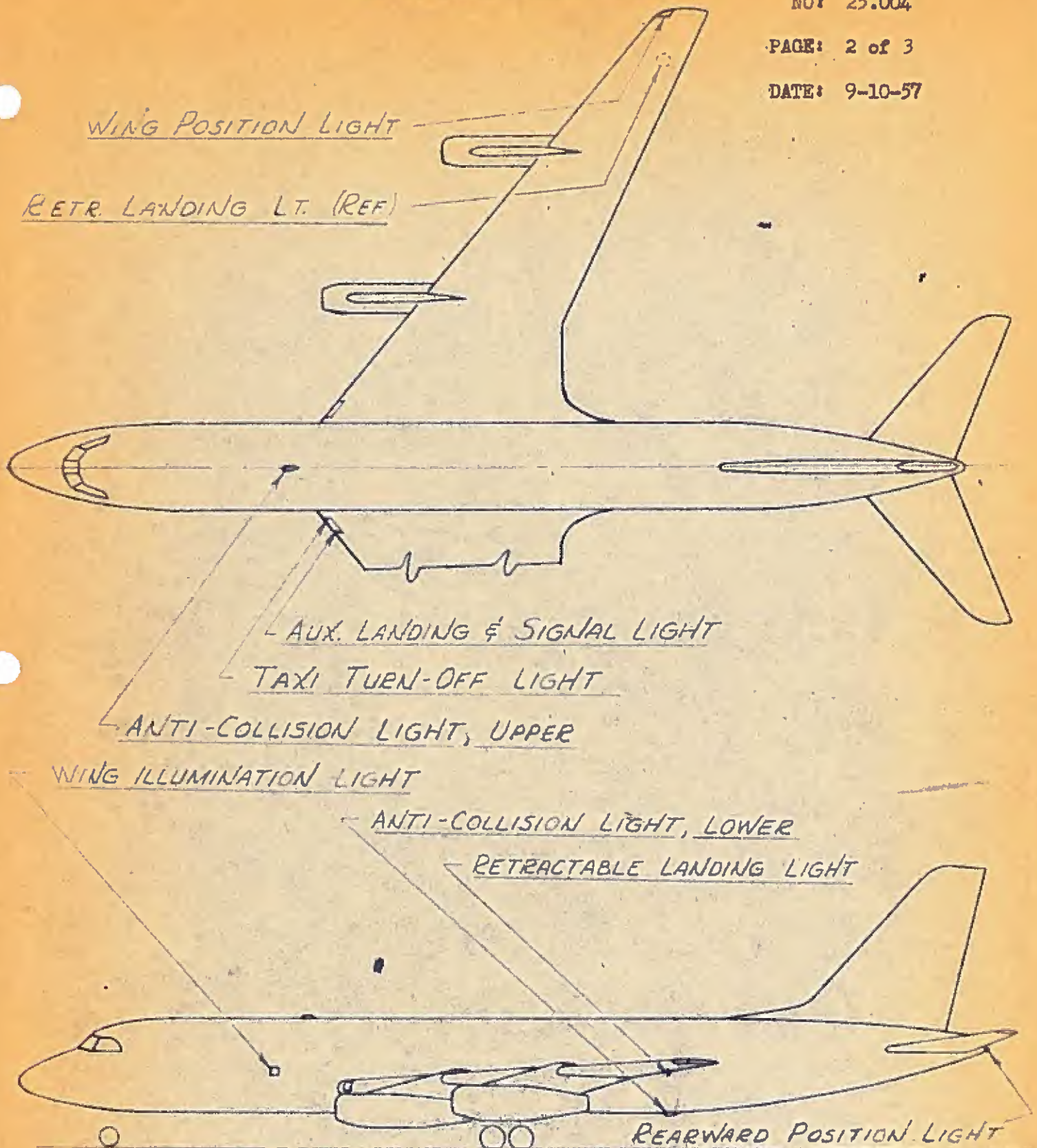
\*6. Taxi Turn-Off Lights (TWA only)

2 lights, one each located in the wing leading edge, adjacent to and inboard of the auxiliary landing lights.

\* These lights are not included in the basic airplane configuration.

All exterior lights are in conformance with C.A.R. .04b, Rev. 6.








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